FORM PTO-1449 (REV. 7-85) U.S. DEPARTMENT OF COMMERCE . PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

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Sheet 1 of 2

ATTY. DOCKET NO. D0077 NP APPLICATION NO. 10/010,568 APPLICANT RAMANATHAN ET AL. FILING DATE DECEMBER 7, 2001

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#### **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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#### **FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
43	АМ	WO 01/36471	5/25/01	PCT			
	AN	WO 01/36473	5/25/01	PCT			
	AO	WO 01/49847	7/12/01	PCT			
	AP	WO 01/57190	8/9/01	PCT			
T	AQ	WO 01/87937	11/22/01	PCT	-		Q 20

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

		(management)
72	)AR	NCBI ENTREZ ACCESSION NO: gil18201872
46	AS	NCBI ENTREZ ACCESSION NO: gil20152260
	AT	GENE 275(1):83-91 (2001)
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## INFORMATION DISCLOSURE CIPATION

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		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLAS S	TRAN YES	SLATION NO
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FORM PTO-1449 (REV. 7-85)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

### INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO. D0077 NP APPLICATION NO. 10/010,568 APPLICANT RAMANATHAN ET AL. FILING DATE DECEMBER 7, 2001

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#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

$\overline{}$		OTHER DOCUMENTS (Including Author, Title, Date, Perlinent pages, Etc.)
12	2AA	EBI Database Accession No. AL356486, Skuce, C., May 21, 2000
T.	2AB	EBI Database Accession No. MM22829, Tokuyama, Y. et al., April 22, 1995
	2AC	EBI Database Accession No. Q96P68, Lee, D.K. et al., December 1, 2001
	2AD	EBI Database Accession No. RN22830, Tokuyama, Y. et al., April 22, 1995
,	2AE	Lee, D.K. et al., "Discovery and mapping of ten novel G protein-coupled receptor genes", Gene, Vol. 275, pp. 83-91 (2001)
	2AF	Tokuyama, Y. et al., "Cloning of Rat and Mouse P <sub>2Y</sub> Purinoceptors", Biochemical and Biophysical Research Communications, Vol. 211, No. 1, pp. 211-218 (1995)
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#### **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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			OTTEN DOODNETTTO (Including Author, Title, Date, February pages, Etc.)
7	7	ÁR	NCBI ENTREZ ACCESSION NO: gi 18201872, Lee, D.K. et al., May 14, 2002
U		AS	NCBI ENTREZ ACCESSION NO: gi 20152260, Takeda, S. et al., May 24, 2002
4	_	AT	Lee, D.K. et al., "Discovery and mapping of ten novel G protein-coupled receptor genes", Gene, Vol. 275, pp. 83-91 (2001)
EXA	MIN	ER	DATE CONSIDERED 7/28/04

FORM PTO-1449 (REV. 7-85) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

### INFORMATION DISCLOSURE CITATION

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ATTY. DOCKET NO. D0077 NP APPLICATION NO. 10/010,568 APPLICANT RAMANATHAN ET AL. FILING DATE DECEMBER 7, 2001

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#### TRANSLATION YES NO **DOCUMENT NUMBER OFFICE** DATE CLASS **SUBCLASS** 46 ST CACT PCT ΑM WO 02/16548 2/28/02 风 ON AN WO 02/088183 11/7/02 **PCT** AO WO 03/004678 1/16/03 **PCT** Q AP 3 AQ

**FOREIGN PATENT DOCUMENTS** 

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FORM PTO-1449 (REV. 7-85)

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#### **U.S. PATENT DOCUMENTS**

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### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
13	AM	WO02057441 ·	7/25/02	PCT AbsTrActy	<u> </u>		
0,0	AN	WO02057452	7/25/02	PCT			
	AO	WO02055702	7/18/02	PCT	_	/	
	AP	WO02064789 -	8/22/02	PCT			
	ΑQ	GB2365012A ,	2/13/02	GB		/	
	AR	GB2369364A .	5/29/02	GB		$\supset$	
<b>₩</b>	AS	EP1219638A2 .	3/7/02	EP			
	AT-	DE10046970A1	4/11/02	DE		$\geq$	
				,			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

73	AR	NCBI ENTREZ ACCESSION NO.: gi 17475418,NCBI Annotation Project, February 7, 2002
1	AS	NCBI ENTREZ ACCESSION NO.: gi 15209583, Glucksmann, M.A. et al., August 15, 2001
	AT	
EXAMINER		DATE CONSIDERED 7/27/04